

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Santosh Misra and William W. Kay Art Unit: Not Yet Assigned

Application No. _____

Filed: Herewith

For: TRANSGENIC PLANTS THAT ARE
RESISTANT TO A BROAD SPECTRUM OF
PATHOGENS

Examiner: Not Yet Assigned

Date: September 17, 2001

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(2)

COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

Sir:

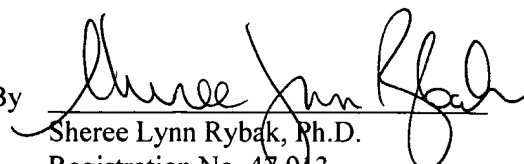
Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

One non-English document, WO 98/50543, is also enclosed herewith. This reference was cited on the International Search Report as a category "A" document as relevant to claim 13.

Applicants filed this Information Disclosure Statement ("IDS") within three months of the date of entry of the national stage as set forth in § 1.491 in an international application. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

Respectfully submitted,

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**INFORMATION DISCLOSURE
STATEMENT****BY APPLICANT**

Docket: 2847-60993

App: 936885

Applicant: Santosh Misra and William W. Kay

Filed: Herewith

Art Unit: _____

U.S. PATENT DOCUMENTS

Init.*		Number	Date	Name	Class	Sub	Filed
		4,956,282	9/11/1990	Goodman et al.			
		5,424,395	6/13/1995	Bascomb et al.			
		5,593,866	1/14/1997	Hancock et al.			
		5,597,945	1/28/1997	Jaynes et al.			
		5,597,946	1/28/1997	Jaynes et al.			
		5,707,855	1/13/1998	Hancock et al.			

FOREIGN PATENT DOCUMENTS

		Number	Date	Country	Class	Sub	
		EP 0497366 A	05.08.92	EPC			
		EP 0552559 A	28.07.93	EPC			
		EP 0798381 A	01.10.97	EPC			
		WO 9415961	21.07.94	PCT			
		WO 9518855 A	13.07.95	PCT			
		WO 9628559 A	19.09.96	PCT			
		WO 9806860 A	19.02.98	PCT			
		WO 9825961 A	18.06.98	PCT			
		WO 9840401 A	17.09.98	PCT			
		WO 9850543 A	12.11.98	PCT			

EXAMINER:

DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Docket: 2847-60993		App: 09/936885			
				Applicant: Misra et al.					
				Filed: Herewith				Art Unit:	
FOREIGN PATENT DOCUMENTS									
		WO 9906564 A	11.02.99	PCT					
		WO 0026344 A	11.05.00	PCT					
		WO 0031279 A	02.06.00	PCT					
OTHER DOCUMENTS									
			Accession No. X97609.						
			Accession No. U60601.						
			Accession No. X67340.						
			Accession No. X89202.						
			Accession No. L39641.						
			Accession No. U48795.						
			Accession No. U95002.						
EXAMINER:				DATE					
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.									

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Docket: 2847-60993	App: 09/936885
		Applicant: Misra et al.	
		Filed: Herewith	
OTHER DOCUMENTS			
			"Potato Soft Rot Reduced by Demeter Genes," PRNewswire, Demeter BioTechnologies, Ltd. (OTC Bulletin Board: DBOT), July 9, 1997.
			"Demeter BioTechnologies, Ltd. Licenses Broad Patent Rights for Disease Resistant Plants," PRNewswire, Demeter BioTechnologies, Ltd. (OTC Bulletin Board: DBOT), June 10, 1997.
			Allefs et al., "Erwinia Soft Rot Resistance of Potato Cultivars Expressing Antimicrobial Peptide Tachypleisin I," <i>Mol. Breeding</i> 2:97-105 (1996).
			Charpentier et al., "Structure, Synthesis, and Molecular Cloning of Dermaseptins B, a Family of Skin Peptide Antibiotics," <i>J. Biol. Chem.</i> 273:14690-14697 (1998).
			Fleury et al., "Synthesis, Antimicrobial Activity and Gene Structure of Novel Member of the Dermaseptin B Family," <i>Biochimica et Biophysica Acta</i> 1396:228-236 (1998).
			Florack et al., "Expression of Giant Silkworm Cecropin B Genes in Tobacco," <i>Transgenic Res.</i> 4:132-141 (1995).
			Hancock et al., "Cationic Peptides: A New Source of Antibiotics," <i>TIBTECH</i> 16:82-87 (1998).
			Jaynes et al., "Expression of a Cecropin B Lytic Peptide Analog in Transgenic Tobacco Confers Enhanced Resistance to Bacterial Wilt Caused by <i>Pseudomonas Solanacearum</i> ," <i>Plant Sci.</i> 89:43-53 (1993).
			Mastrangelo et al., "Overcoming Apoptosis: New Methods for Improving Protein-Expression Systems," <i>TIBTECH</i> 16:88-95 (1998).
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			Applicant: Misra et al.	
			Filed: Herewith	
OTHER DOCUMENTS				
			Mor al., "The NH-2-Terminal Alpha-Helical Domain 1-18 of Dermaseptin is Responsible for Antimicrobial Activity," <i>J. Biol. Chem.</i> 269:1934-1939 (1994).	
			Mor et al., "The Vertebrate Peptide Antibiotics Dermaseptins Have Overlapping Structural Features but Target Specific Microorganisms," <i>J. Biol. Chem.</i> 269:31635-31641 (1994).	
			Norelli et al., "Transgenic 'Malling 26' Apple Expressing the Attacin E Gene Has Increased Resistance to <i>Erwinia amylovora</i> ," <i>Euphytica</i> 77:123-128 (1994).	
			Okamoto et al., "Enhanced Expression of an Antimicrobial Peptide Sarcotoxin IA by GUS Fusion in Transgenic Tobacco Plants," <i>Plant Cell Physiol.</i> 39:57-63 (1998).	
			Piers et al., "Recombinant DNA Procedures for Producing Small Antimicrobial Cationic Peptides in Bacteria," <i>Gene</i> 134:7-13 (1993).	
			Simmaco et al., "Temporins, Antimicrobial Peptides from the European Red Frog <i>Rana temporaria</i> ," <i>European J. Biochem.</i> 242:788-792 (1996).	
			Strahilevitz et al., "Spectrum of Antimicrobial Activity and Assembly of Dermaseptin-b and Its Precursor Form in Phospholipid Membranes," <i>Biochem.</i> 33:10951-10960 (1994).	
			Wechselberger, "Cloning of cDNAs Encoding New Peptides of the Dermaseptin-Family," <i>Biochimica et Biophysica Acta</i> 1388:279-283 (1998).	
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